FIG. 12 illustrates an embodiment of the present invention in which the ultrasound system has both an articulating flat panel display 40 and an articulating control panel 18, both of which can be repositioned laterally with respect to the main body 12 of the ultrasound system cart. The flat panel display may be articulated as described in any of the articulating arm embodiments described above, or by means of other articulating mechanisms. The control panel 18 may be articulated laterally such as described in U.S. patent 6,709,391[application Ser. No. 10/155,459], the contents of which are incorporated herein by reference. With the ability to articulate both the flat panel display 40 and the control panel, the sonographer can configure the ultrasound system to scan a patient in the utmost of comfort and convenience.